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PATENT APPLICATION

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APPLICATION NO. CONFIRMATION NO.

| APPLICANT'S INFORMATION DISCLOSURE STATEMENT | Heon lee, et al | |
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | JCATION DATE | NAME | Pages, Columns, Lines Where Relevant Passages or Figures Appea |
|---------------------|----|--------------------|-----|-----------------|------------------|-------------------------------------------------------------------|
| (a) . | 1A | US5640343 | 06 | 1907 | Gallagher, et al | |
| (1) | 1B | US5224068 | OG | 1993 | Miyake, et al | |
| (A) | 1C | US5396455 | 03 | 1995 | Brady, et al | |
| (1) | 1D | US5444651 | 68 | 11995 | Yananoto, et al | |
| (v) | 1E | US576111D | the | 1998 | Irrinki, et al | |
| a | 1F | US5933365 | 08 | 1999 . | Klersy, et al | |
| Ca | 1G | US5936882 | 18 | 1999 | Dunn | |
| Ç() | 1H | US5953245 | 09 | 1999 | Nishimura | |
| 4). | 11 | US5956295 | 007 | 1999 | Yamakawa, et al | |
| 31) | 1J | US6016290 | 01 | 2650 | Chen, et al | |
| • | 1K | | | 1 | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Unas Where Relavant Passages/Figures Appear | Check if Translation attached |
|---|----|--------------------|------------------|----------------------------------|--------------------------------------------------------------|-------------------------------------|
| · | 11 | | | | | |
| | 1M | | | • | | |
| | 1N | | | • | • . | |
| | 10 | <u></u> | | | | |
| | 19 | · . | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| 10 | Hewlett-Packard published application number 20020089874, serial 758757, filed 1/11/01, Thermally-assisted switching of magnetic memory elements, Nikel, et al |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1R | Hewlett-Packard published patent application number 20030123282, serial 315748, filed 12/10/02, Thermally-assisted switching of magnetic memory elements, nikel, et al |
| 15 | Ryan, Mason & Lewis, LLP published patent application 20030198113, serial 128838, filed 4/23/02, Memory storage device with heating element , Abraham, David W.; et al. |

Rev 10/03 (PTO1445)